

Converting Colors

Hex(689C7C)

Have a look what the booklet for
Hex(689C7C) contains.

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Color

Hex(689C7C)

Conversions

Conversions Part 1

Format	Color
Hex	689C7C
RGB	104, 156, 124
RGB Percent	41%, 61%, 49%
CMY	0.5922, 0.3882, 0.5137
CMYK	0.33, 0.00, 0.21, 0.39
HSL	143°, 21%, 51%
HSV	143°, 33%, 61%
XYZ	21.2355, 28.1752, 23.3879
YIQ	136.8040, -20.7200, -20.9760

Conversions

Conversions Part 2

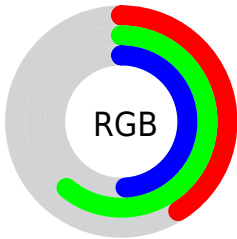
Format	Color
RYB	104, 142, 156
Decimal	6855804
CIELab	60.05, -24.39, 11.34
CIElCh	60, 26.897, 155.069
Yxy	28.1752, 0.2917, 0.3870
Android (android.graphics.Color)	4285045884 (0xFF689C7C)
YUV	136.8040, -6.3124, -28.7691
Hunter-Lab	53.0803, -21.4794, 11.0323

Details

The Hex color **689C7C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C6888**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9DD3B1**, and **36684B** is the 20% darker color. If you saturate the color by 10%, you get **589C72**, and if you desaturate by 10%, it is **789C86**.

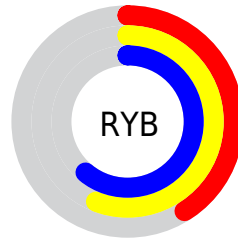
Distribution



Red (41%)

Green (61%)

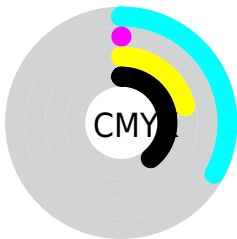
Blue (49%)



Red (41%)

Yellow (56%)

Blue (61%)

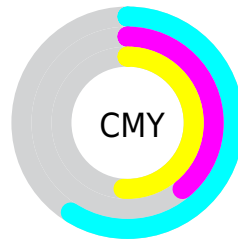


Cyan (33%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (59%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689C7C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 689C7C by changing the saturation by 10% instead.



689C7C



689C7C

FFFFFF



4F8263



9DD3B1



36684B



B8EFCC



1D5034



D4FFE8



01391F



F1FFFF



002308



000000



689C7C



689C7C



589C72



789C86



499C69



879C8F

 399C5F

 979C99

 2A9C56

 A69CA2

 1A9C4C

 B69CAC

 0A9C42

 C69CB6

 009C3C

 D59CBF

 E59CC9

 F49CD2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



849769



689C7C



4F9E94

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



689C7C



7892C0



BE8277

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



689C7C



9C6888

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BF7F8D



689C7C



9989B7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



689C7C



5699BB



B282A5



B28866

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



689C7C



459DA4



B282A5



C0807E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



689C7C



B8CCBF



889C68



5A665E



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



689C7C



7ACC9A



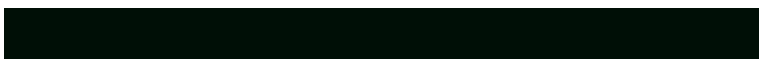
689C96



474F4A



008F37



000F06

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9C6888



CC7AAD



9C686E



4F474C



8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 689C7C looks on a white background.

Color Contrast Check

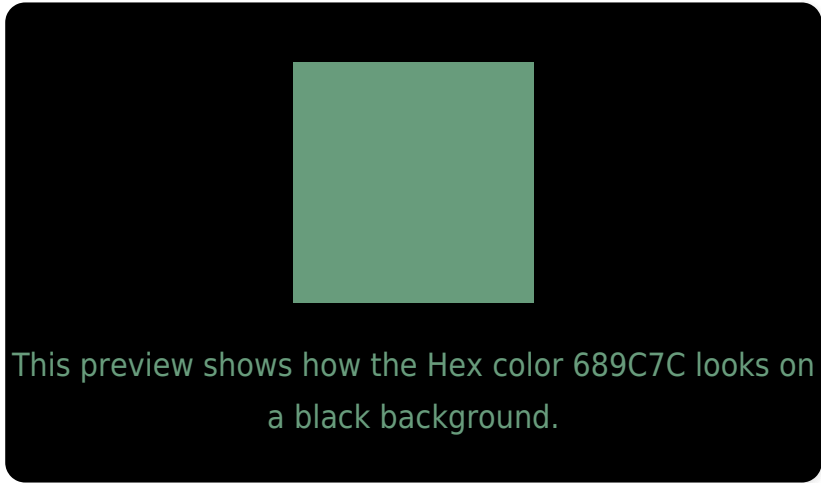
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

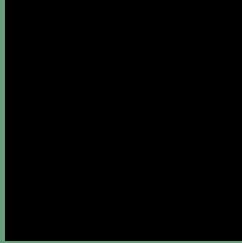
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 689C7C Background



This preview shows how black text looks on a background with the Hex color 689C7C.

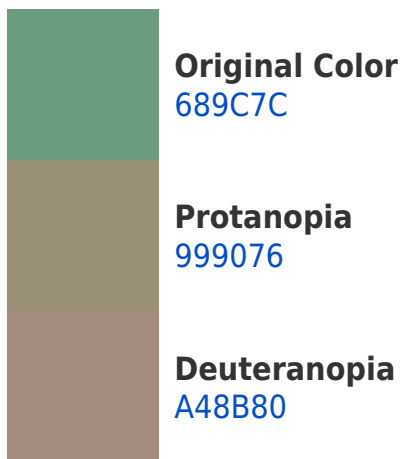


This preview shows how white text looks on a background with the Hex color 689C7C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

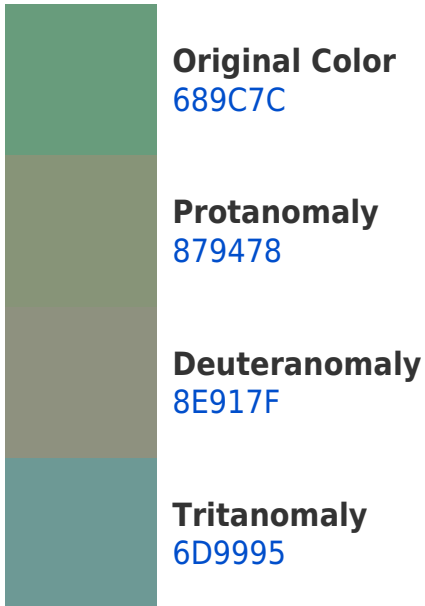
Dichromacy



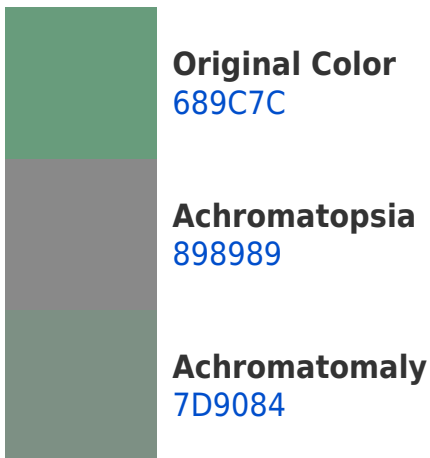


Tritanopia
7097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689C7C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #689C7C looks like.

```
.text, #text, p{  
    color:#689C7C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #689C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689C7C  
}
```

Border

The CSS property to change the border of an element to Hex 689C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#689C7C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#689C7C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #689C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689C7C; -webkit-box-shadow:4px 4px  
4px 4px #689C7C; box-shadow:4px 4px 4px  
4px #689C7C }
```

Background

The CSS property to change the background color of an element to Hex 689C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689C7C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#689C7C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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